Q1 - a : Implementation of RSA using 512 bit parameters

```
+++,RSA_512.cpp
```

Output : RSA_512

Q1 - b : Implementation of RSA using 1024 bit parameters

```
+++,RSA_1024.cpp
```

Q2 - a : Implementation of ElGamal using 512 bit parameters

```
+++,ElGamal_512.cpp
```

Q2 - b : Implementation of ElGamal using 1024 bit parameters

```
+++,ElGamal_1024.cpp
```

Q3 : Implementation of ECC using F-192 parameters

Header Files with Necessary Utils for ECC Arithmetics

```
+++,ECC.h
```

ECC Implementation in C++

```
+++,ECC.cpp
```

Q4 - a : Digital Signature Implementation using RSA

```
+++,DSA_RSA.cpp
```

Q4 - b : Digital Signature Implementation using ElGamal

```
+++,DSA_ElGamal.cpp
```

Q4 - c : Digital Signature Implementation using ECC

```
+++,DSA_ECC.cpp
```